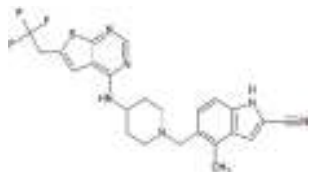


# MI-463

**ALTERNATE NAME:** MI463  
4-methyl-5-((4-((6-(2,2,2-trifluoroethyl)thieno[2,3-d]pyrimidin-4-yl)amino)piperidin-1-yl)methyl)-1H-indole-2-carbonitrile

**CATALOG #:** B2668-5 5 mg  
B2668-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>23</sub>F<sub>3</sub>N<sub>6</sub>S

**MOLECULAR WEIGHT:** 484.55

**CAS NUMBER:** 1628317-18-9

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >50 mg/ml DMSO

**DESCRIPTION:** MI-463 is a potent inhibitor of Menin-MLL interaction (IC<sub>50</sub> = 15.3 nM). Pharmacologic inhibition of the menin-mLL interaction substantially delays progression of mLL leukemia in murine models through on-target activity without causing toxicity. MI-463 induces strong inhibition of tumor growth with once daily intraperitoneal administration.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

EPZ-5676 (2382)  
EPZ004777 (2381)  
WDR5 0103 (B1125)  
I-BET151 (2220)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*